

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039974.D
 Acq On : 12 Dec 2022 13:49
 Operator : SY/MD
 Sample : N5969-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Quant Time: Dec 13 06:09:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.173	49	1152095	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.636	114	3068510	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.455	117	2803648	10.000	ppbv	0.02

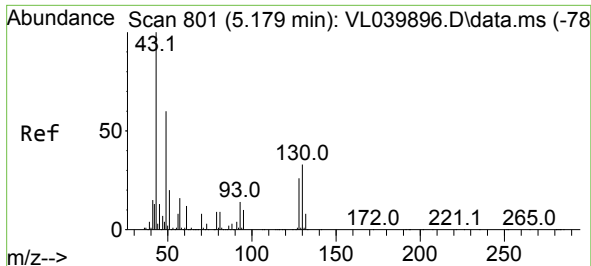
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2353248	10.989	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.710	85	77964	0.473	ppbv	98
3) Chlorodifluoromethane	2.655	51	52031	0.327	ppbv	100
4) Chloromethane	2.793	50	44948	0.442	ppbv	93
6) Bromomethane	3.099	94	631	0.023	ppbv #	4
9) Propene	2.854	41	1748285	23.346	ppbv	94
10) Heptane	7.571	43	13887	0.077	ppbv #	27
11) Trichlorofluoromethane	3.542	101	109332	0.543	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.044	101	5188	0.034	ppbv #	12
13) Ethanol	3.218	45	2293740	401.180	ppbv	100
15) Acetone	3.449	43	1090074	7.133	ppbv	96
16) 1,3-Butadiene	2.948	39	15988	0.210	ppbv #	75
17) tert-Butyl alcohol	3.867	59	5114	0.029	ppbv #	72
19) Isopropyl Alcohol	3.562	45	714205	8.632	ppbv #	31
20) Methylene Chloride	3.915	84	1749677	23.633	ppbv	95
21) Allyl Chloride	3.948	41	2654	0.025	ppbv #	1
23) Vinyl Acetate	4.597	43	92353	1.471	ppbv #	43
25) Ethyl Acetate	5.195	43	1049406	3.740	ppbv #	80
26) Hexane	5.198	57	1359215	11.090	ppbv #	41
27) Carbon Disulfide	4.105	76	4375	0.028	ppbv #	1
29) Chloroform	5.256	83	22071	0.136	ppbv	90
30) Cyclohexane	6.584	84	6776	0.056	ppbv #	1
31) cis-1,2-Dichloroethene	5.179	61	6191	0.055	ppbv #	36
34) 2-Butanone	4.777	43	76123	0.518	ppbv	97
35) Carbon Tetrachloride	6.475	117	8954	0.051	ppbv #	86
36) Benzene	6.356	78	81966	0.314	ppbv #	92
39) 1,2-Dichloropropane	6.639	63	774892	7.626	ppbv #	26
41) Tetrahydrofuran	5.195	42	486805	4.803	ppbv #	50
44) 2,2,4-Trimethylpentane	7.314	57	254090	0.584	ppbv #	91
50) 4-Methyl-2-Pentanone	8.182	43	12877	0.049	ppbv #	38
51) 2-Hexanone	9.545	43	5589	0.027	ppbv #	27
52) Tetrachloroethene	10.590	164	4586	0.047	ppbv	91
53) Toluene	9.208	91	290893	0.979	ppbv	96
58) Ethyl Benzene	12.082	91	10067	0.026	ppbv #	82
59) m/p-Xylene	12.356	91	45917	0.144	ppbv #	30
60) o-Xylene	13.053	91	25569	0.084	ppbv #	24
61) Styrene	12.889	104	4082	0.023	ppbv #	1
74) 1,2,4-Trimethylbenzene	16.111	105	10191	0.031	ppbv #	73
79) Naphthalene	21.394	128	24310	0.123	ppbv #	92
80) Naphthalene,2-methyl-	24.378	142	2657	0.048	ppbv #	33

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Dec 13 06:09:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Dec 02 23:21:36 2022
Response via : Initial Calibration

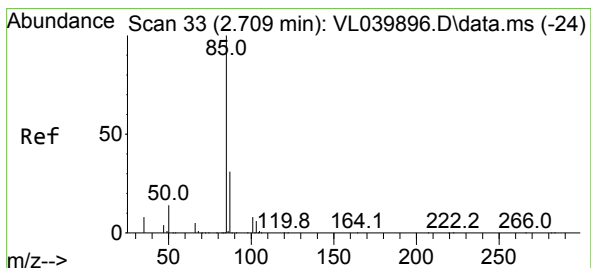
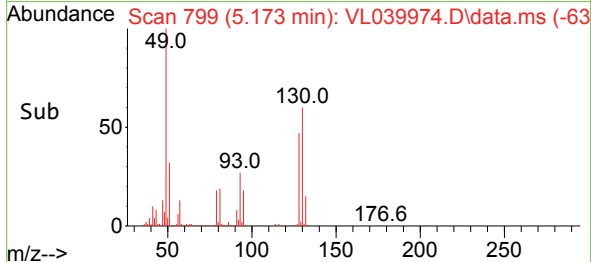
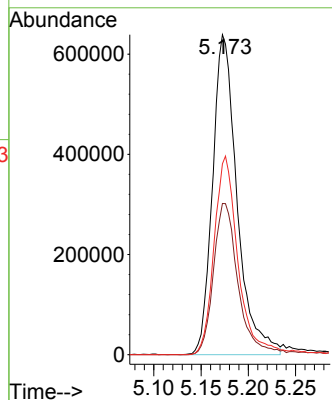
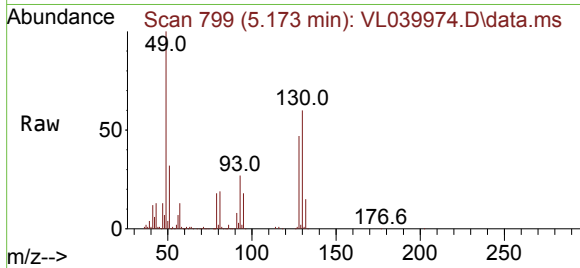




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.173 min Scan# 799
 Delta R.T. 0.017 min
 Lab File: VL039974.D
 Acq: 12 Dec 2022 13:49

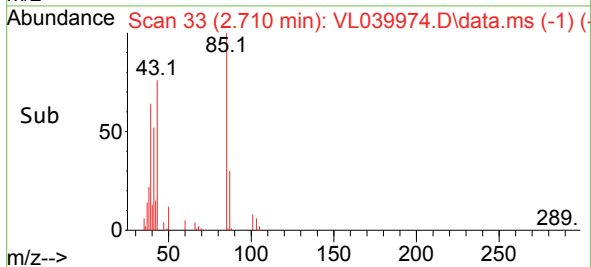
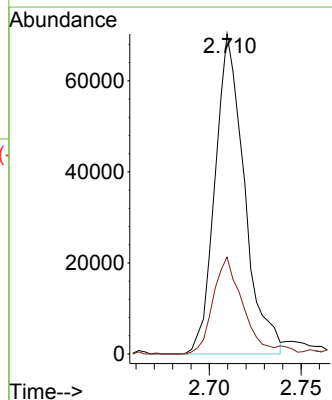
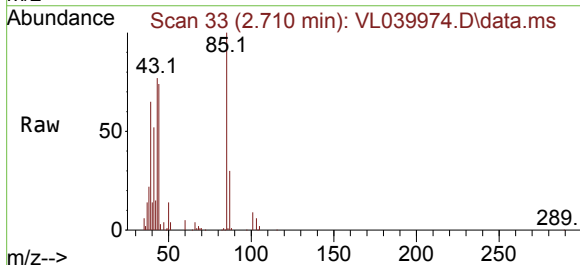
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

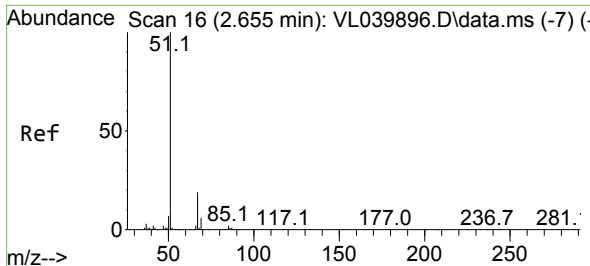
Tgt Ion: 49 Resp: 1152095
 Ion Ratio Lower Upper
 49 100
 128 49.0 22.1 66.3
 130 61.9 27.7 83.1



#2
 Dichlorodifluoromethane
 Concen: 0.473 ppbv
 RT: 2.710 min Scan# 33
 Delta R.T. 0.013 min
 Lab File: VL039974.D
 Acq: 12 Dec 2022 13:49

Tgt Ion: 85 Resp: 77964
 Ion Ratio Lower Upper
 85 100
 87 30.2 25.0 37.4

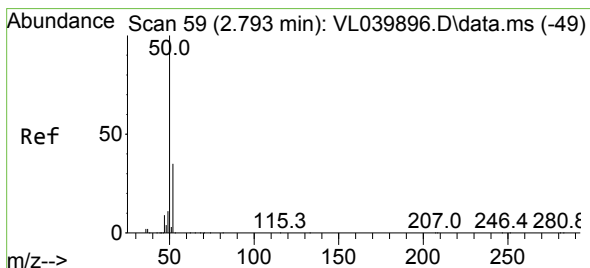
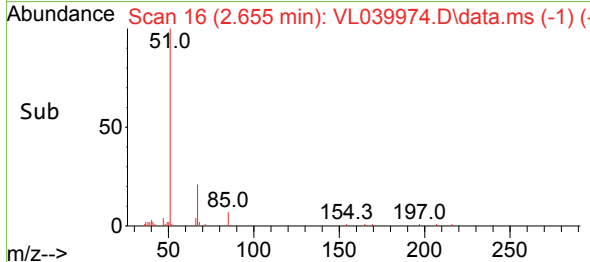
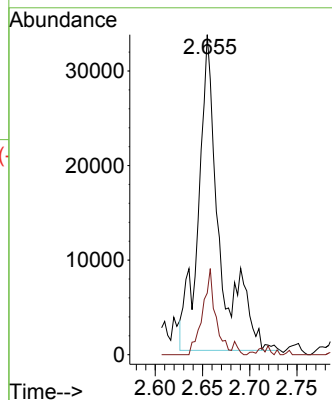
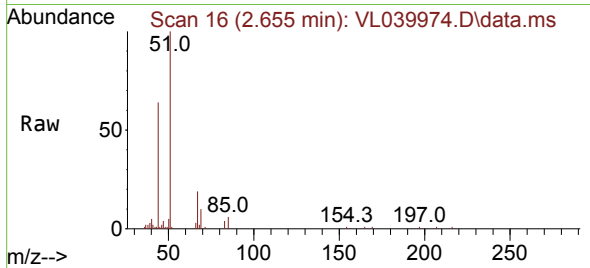




#3
Chlorodifluoromethane
Concen: 0.327 ppbv
RT: 2.655 min Scan# 16
Delta R.T. 0.013 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

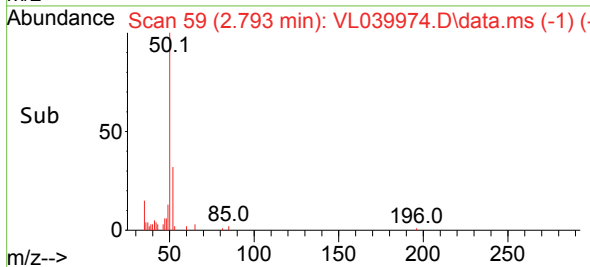
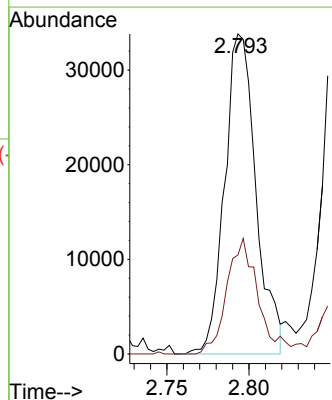
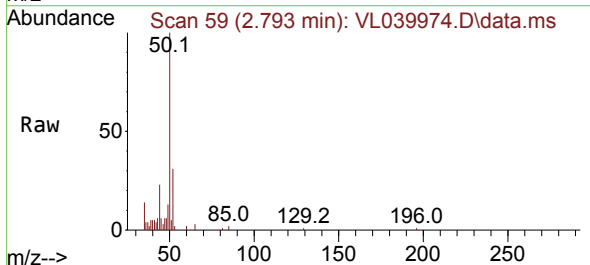
Instrument :
MSVOA_L
ClientSampleId :
IA-2

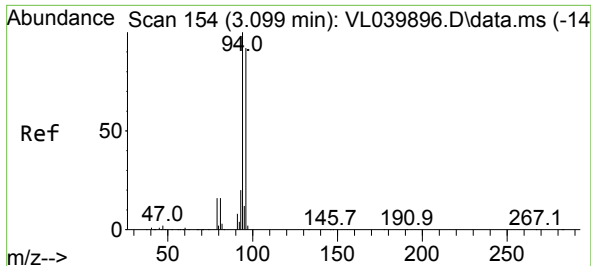
Tgt Ion: 51 Resp: 52031
Ion Ratio Lower Upper
51 100
67 17.8 14.2 21.4



#4
Chloromethane
Concen: 0.442 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.013 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

Tgt Ion: 50 Resp: 44948
Ion Ratio Lower Upper
50 100
52 30.9 27.8 41.8

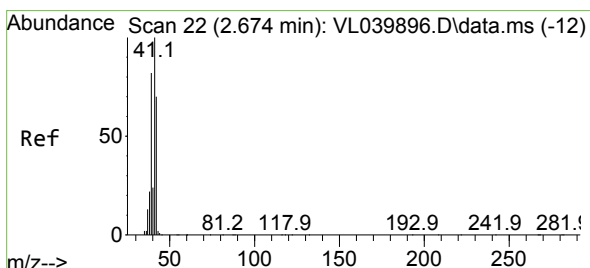
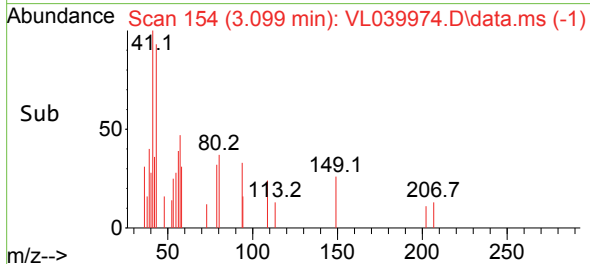
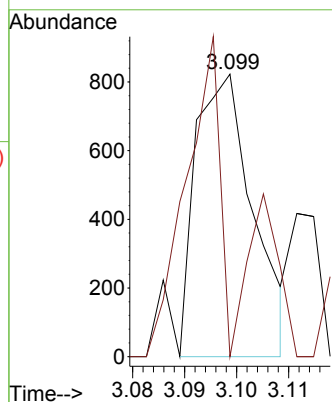
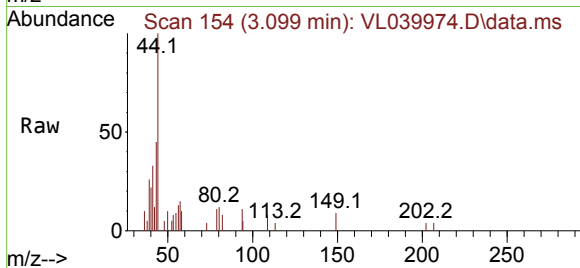




#6
Bromomethane
Concen: 0.023 ppbv
RT: 3.099 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

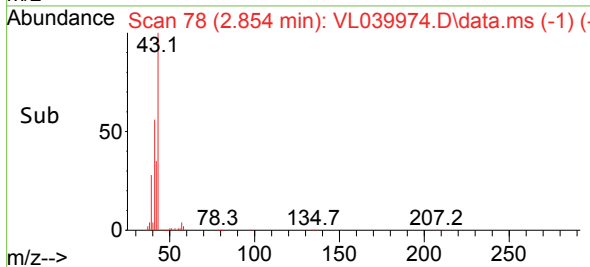
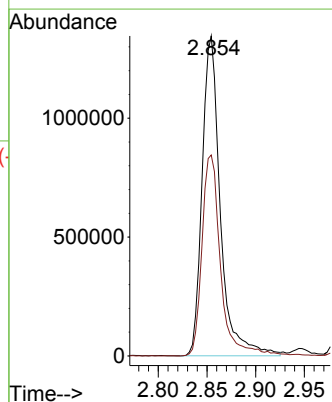
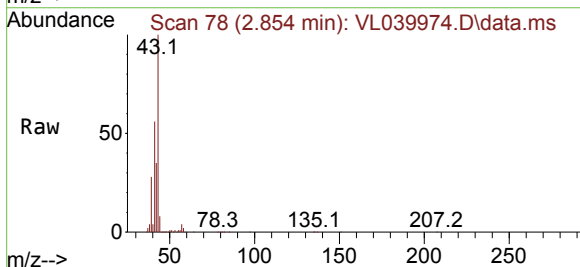
Instrument :
MSVOA_L
ClientSampleId :
IA-2

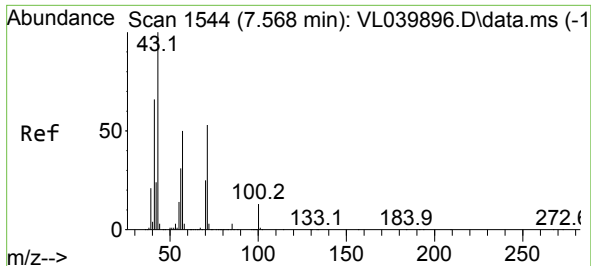
Tgt Ion: 94 Resp: 631
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#9
Propene
Concen: 23.346 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.193 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

Tgt Ion: 41 Resp: 1748285
Ion Ratio Lower Upper
41 100
42 64.6 55.8 83.6

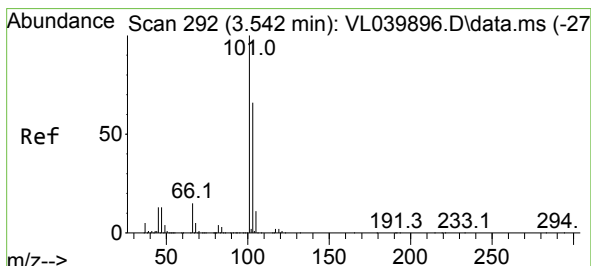
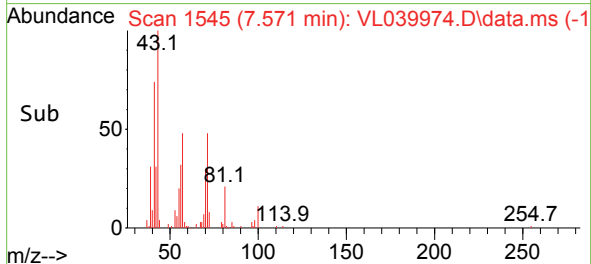
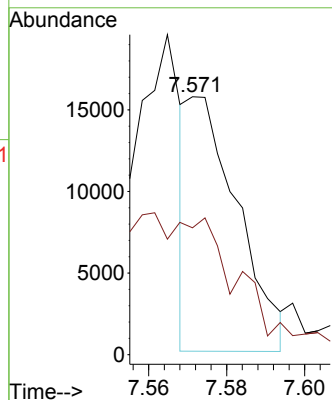
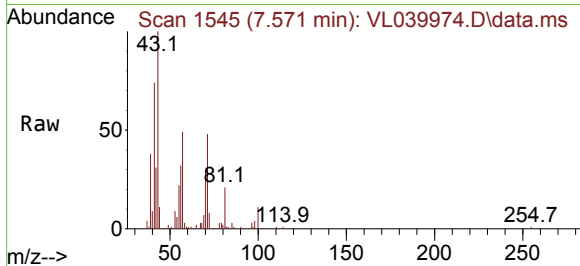




#10
Heptane
Concen: 0.077 ppbv
RT: 7.571 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

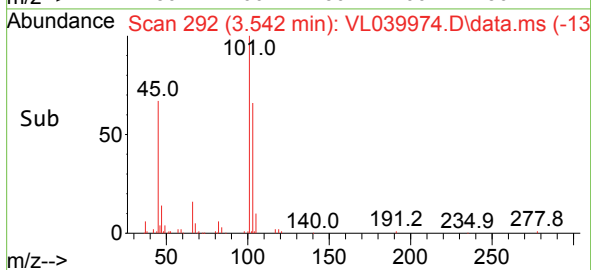
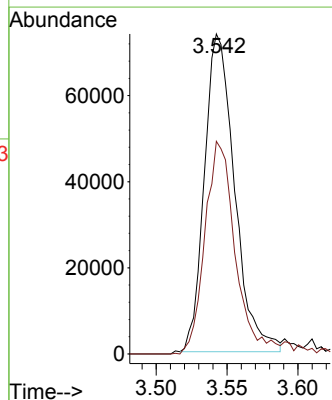
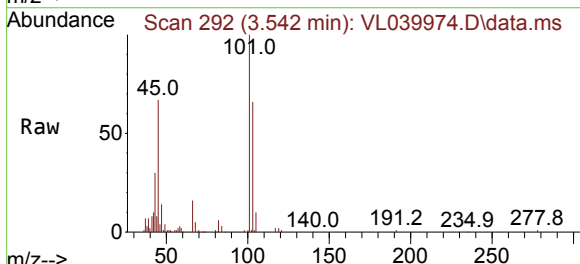
Instrument :
MSVOA_L
ClientSampleId :
IA-2

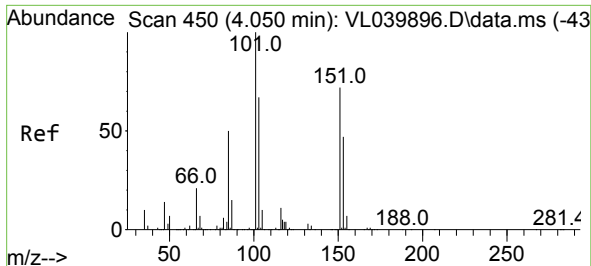
Tgt Ion: 43 Resp: 13887
Ion Ratio Lower Upper
43 100
57 0.0 40.7 61.1#



#11
Trichlorofluoromethane
Concen: 0.543 ppbv
RT: 3.542 min Scan# 292
Delta R.T. 0.013 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

Tgt Ion: 101 Resp: 109332
Ion Ratio Lower Upper
101 100
103 66.9 52.6 78.8

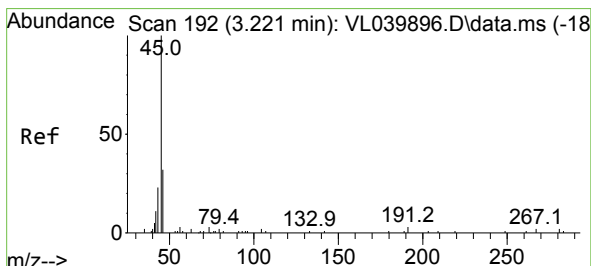
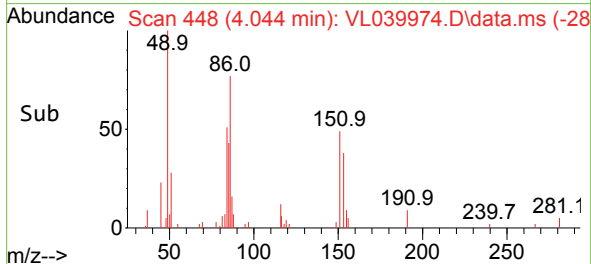
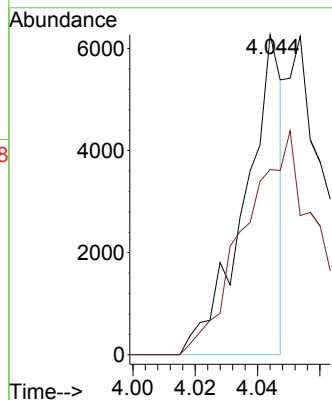
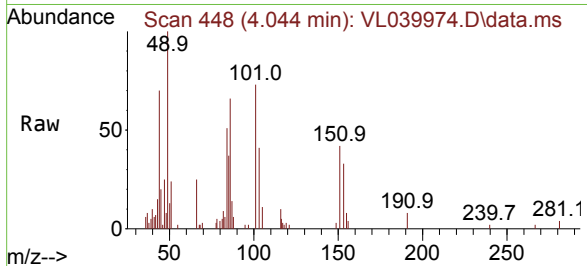




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.034 ppbv
RT: 4.044 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

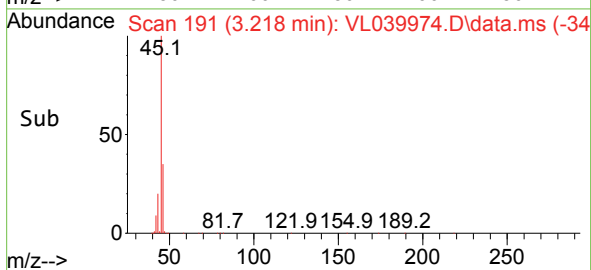
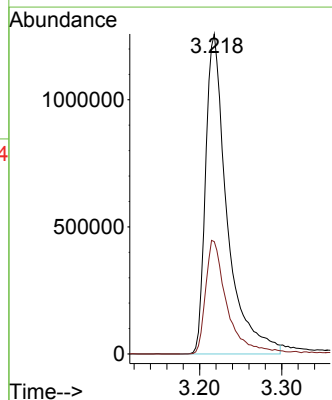
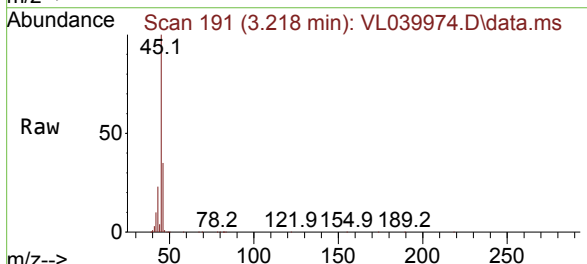
Instrument :
MSVOA_L
ClientSampleId :
IA-2

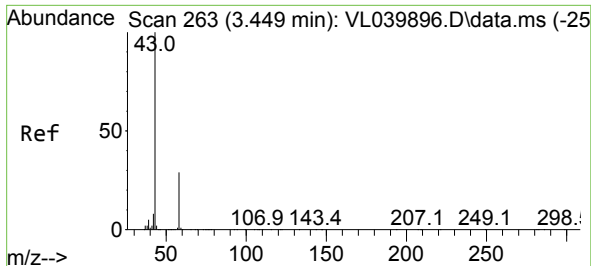
Tgt Ion:101 Resp: 5188
Ion Ratio Lower Upper
101 100
151 0.0 59.6 89.4#



#13
Ethanol
Concen: 401.180 ppbv
RT: 3.218 min Scan# 191
Delta R.T. 0.003 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

Tgt Ion: 45 Resp: 2293740
Ion Ratio Lower Upper
45 100
46 36.6 14.6 58.2





#15

Acetone

Concen: 7.133 ppbv

RT: 3.449 min Scan# 2

Delta R.T. 0.016 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

Instrument :

MSVOA_L

ClientSampleId :

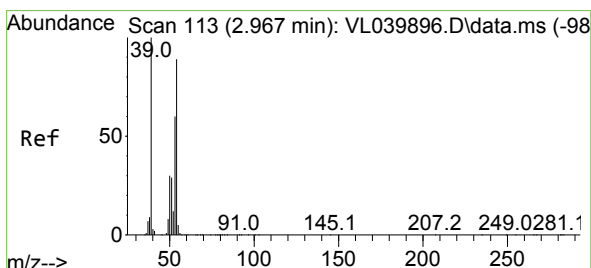
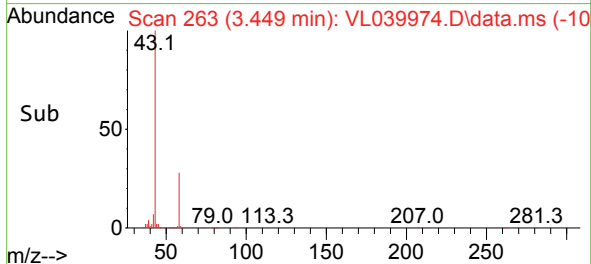
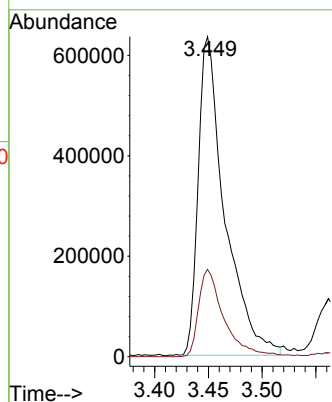
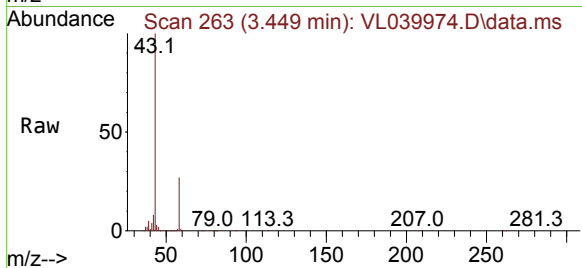
IA-2

Tgt Ion: 43 Resp: 1090074

Ion Ratio Lower Upper

43 100

58 26.3 22.9 34.3



#16

1,3-Butadiene

Concen: 0.210 ppbv

RT: 2.948 min Scan# 107

Delta R.T. -0.003 min

Lab File: VL039974.D

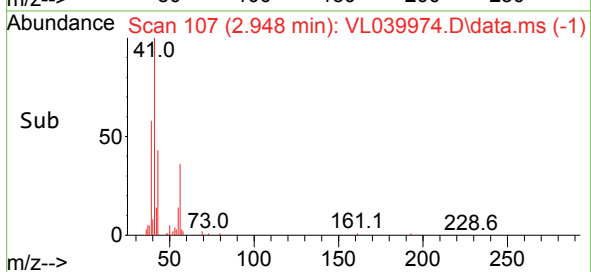
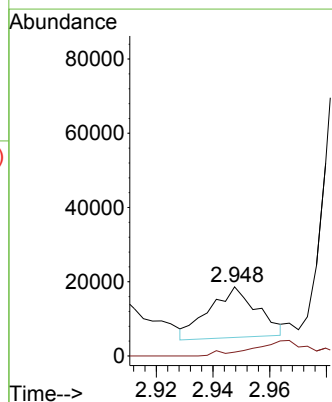
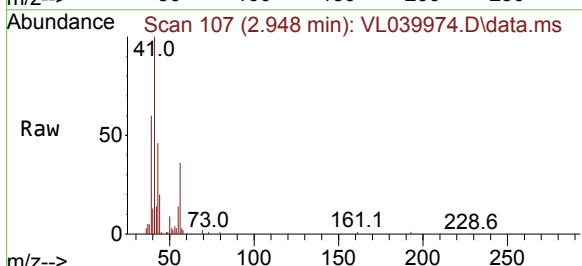
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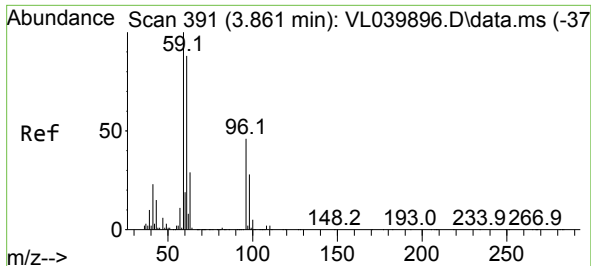
Tgt Ion: 39 Resp: 15988

Ion Ratio Lower Upper

39 100

54 60.4 66.6 99.8#





#17

tert-Butyl alcohol

Concen: 0.029 ppbv

RT: 3.867 min Scan# 391

Delta R.T. 0.023 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

Instrument :

MSVOA_L

ClientSampleId :

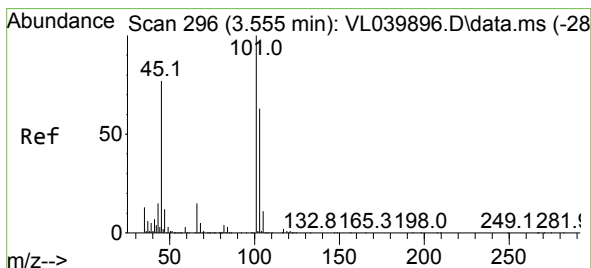
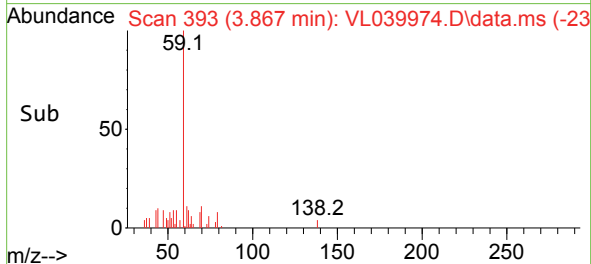
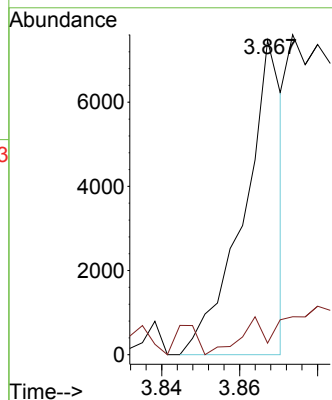
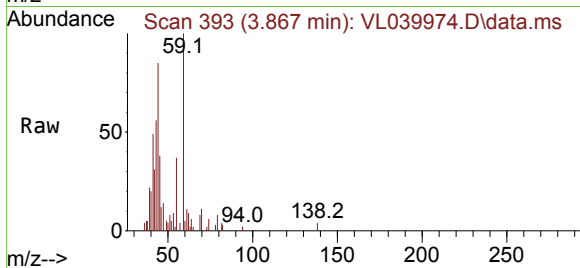
IA-2

Tgt Ion: 59 Resp: 5114

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#19

Isopropyl Alcohol

Concen: 8.632 ppbv

RT: 3.562 min Scan# 298

Delta R.T. 0.020 min

Lab File: VL039974.D

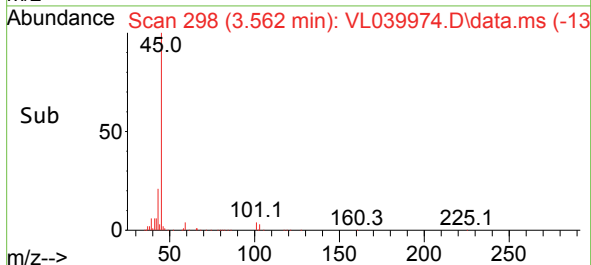
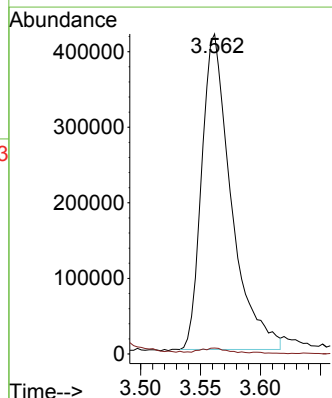
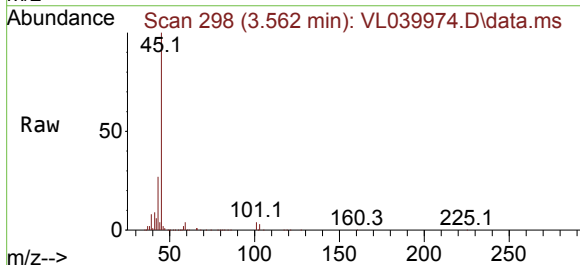
Acq: 12 Dec 2022 13:49

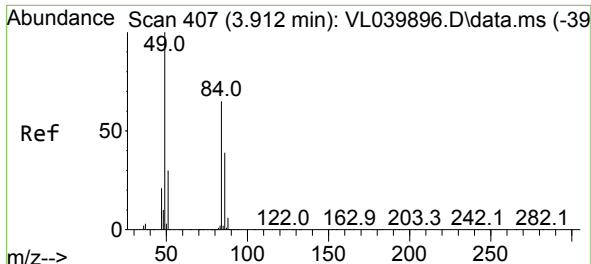
Tgt Ion: 45 Resp: 714205

Ion Ratio Lower Upper

45 100

58 1.9 38.7 58.1#





#20

Methylene Chloride

Concen: 23.633 ppbv

RT: 3.915 min Scan# 407

Delta R.T. 0.020 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

Instrument :

MSVOA_L

ClientSampleId :

IA-2

Tgt Ion: 84 Resp: 1749677

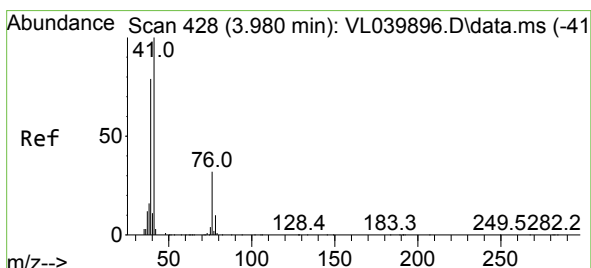
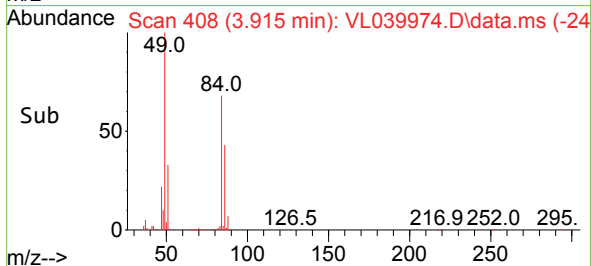
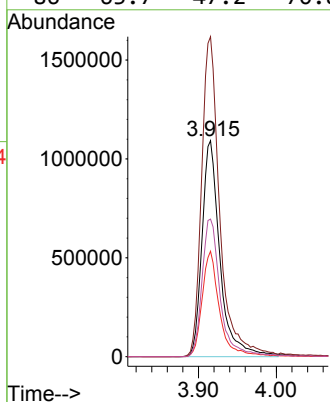
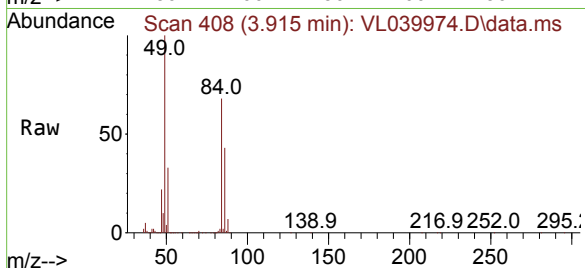
Ion Ratio Lower Upper

84 100

49 148.1 122.2 183.4

51 48.8 36.3 54.5

86 63.7 47.2 70.8



#21

Allyl Chloride

Concen: 0.025 ppbv

RT: 3.948 min Scan# 418

Delta R.T. -0.013 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

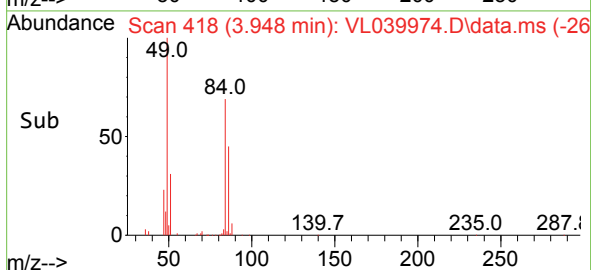
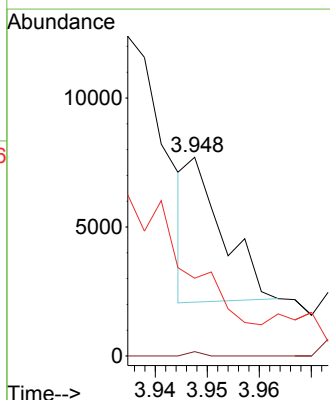
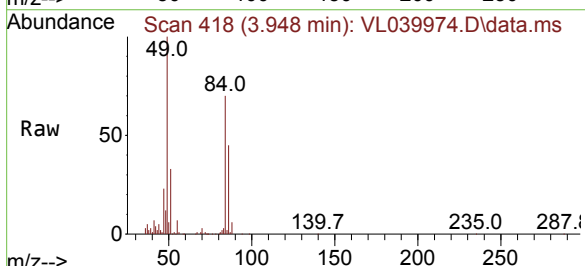
Tgt Ion: 41 Resp: 2654

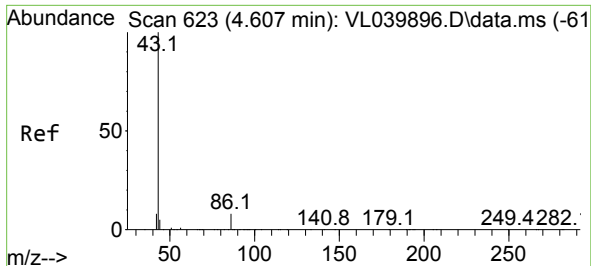
Ion Ratio Lower Upper

41 100

76 8.2 25.6 38.4#

39 398.5 65.2 97.8#

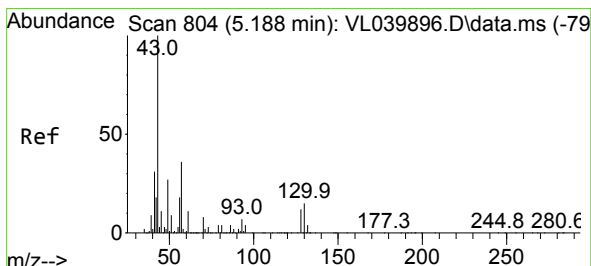
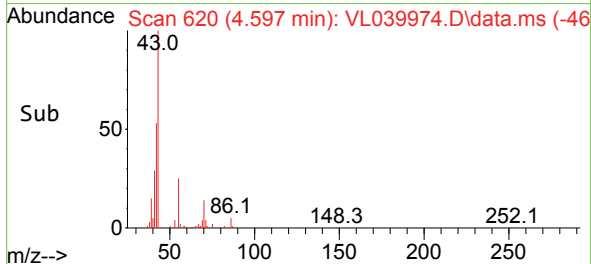
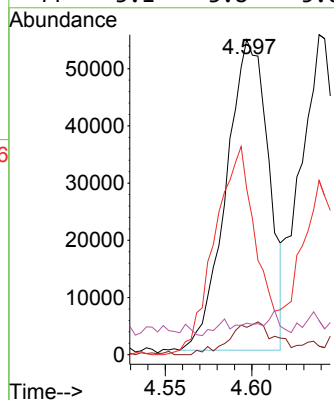
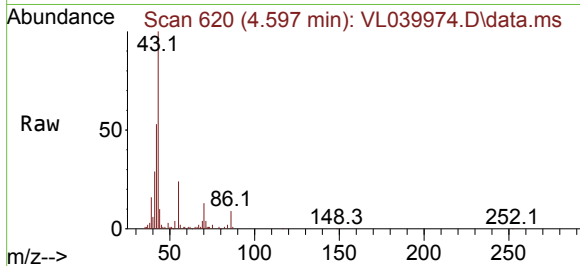




#23
 Vinyl Acetate
 Concen: 1.471 ppbv
 RT: 4.597 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039974.D
 Acq: 12 Dec 2022 13:49

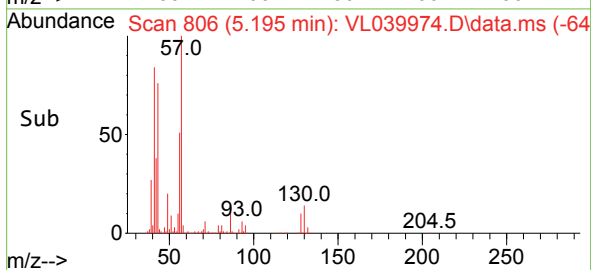
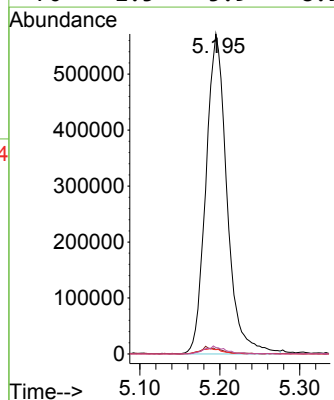
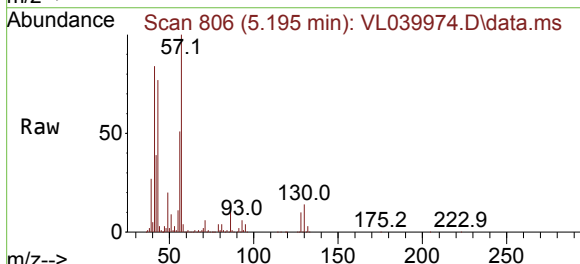
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

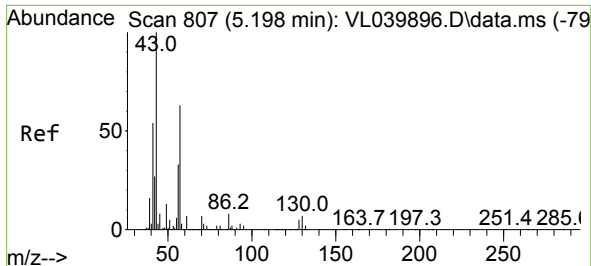
Tgt Ion:	43	Resp:	92353
Ion	Ratio	Lower	Upper
43	100		
86	8.8	5.0	7.4#
42	51.9	7.6	11.4#
44	3.1	3.8	5.6#



#25
 Ethyl Acetate
 Concen: 3.740 ppbv
 RT: 5.195 min Scan# 806
 Delta R.T. 0.026 min
 Lab File: VL039974.D
 Acq: 12 Dec 2022 13:49

Tgt Ion:	43	Resp:	1049406
Ion	Ratio	Lower	Upper
43	100		
45	2.3	8.4	12.6#
61	1.8	8.5	12.7#
70	2.5	5.9	8.9#

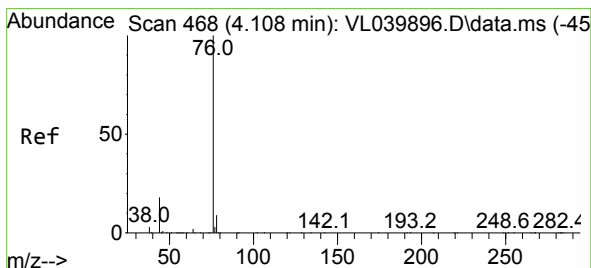
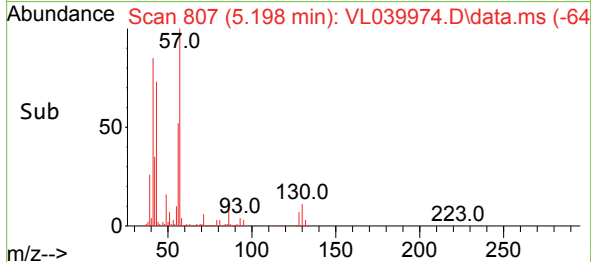
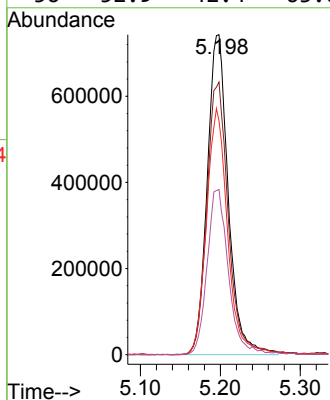
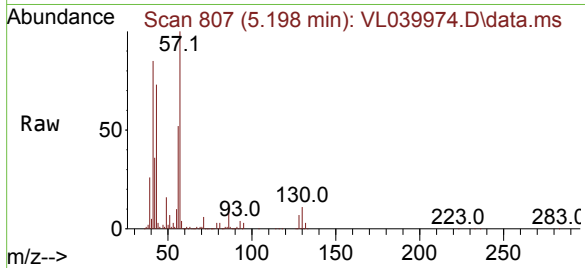




#26
Hexane
Concen: 11.090 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.023 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

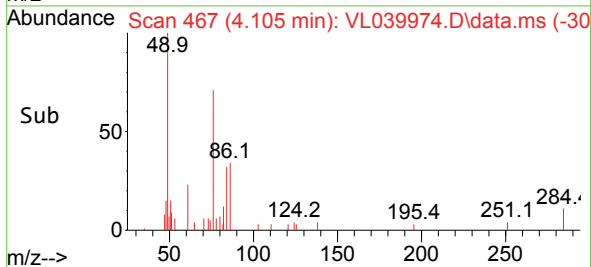
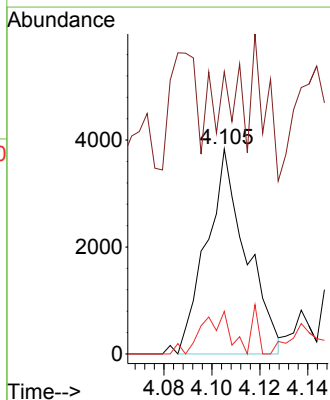
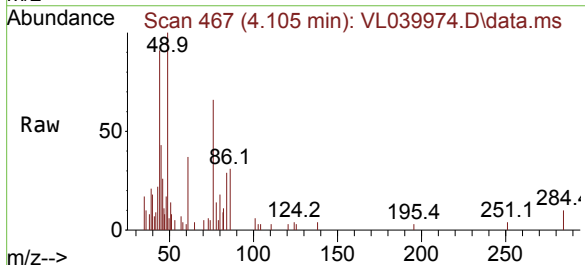
Instrument :
MSVOA_L
ClientSampleId :
IA-2

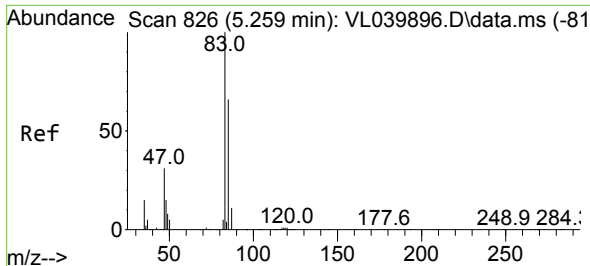
Tgt Ion: 57 Resp: 1359215
Ion Ratio Lower Upper
57 100
41 87.3 72.3 108.5
43 77.9 188.7 283.1#
56 52.9 42.4 63.6



#27
Carbon Disulfide
Concen: 0.028 ppbv
RT: 4.105 min Scan# 467
Delta R.T. 0.020 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

Tgt Ion: 76 Resp: 4375
Ion Ratio Lower Upper
76 100
44 105.3 14.7 22.1#
78 32.5 7.8 11.8#





#29

Chloroform

Concen: 0.136 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.020 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

Instrument :

MSVOA_L

ClientSampleId :

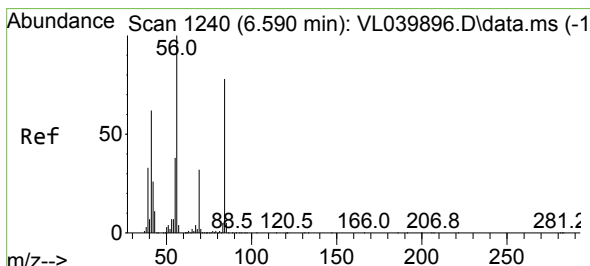
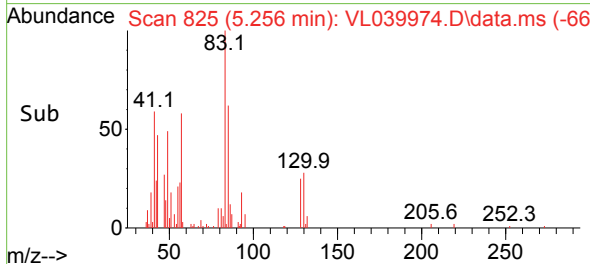
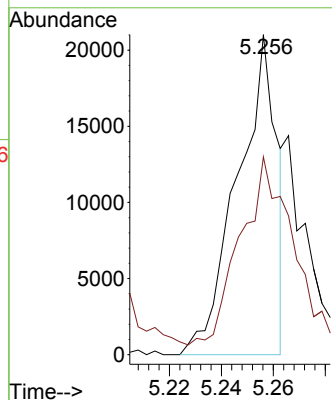
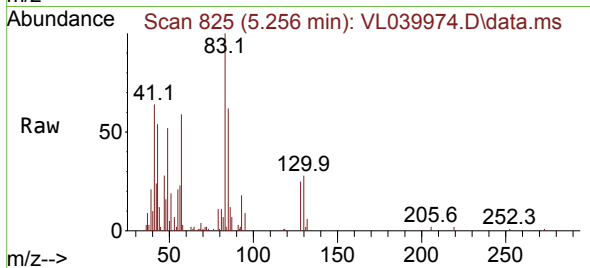
IA-2

Tgt Ion: 83 Resp: 22071

Ion Ratio Lower Upper

83 100

85 57.8 52.4 78.6



#30

Cyclohexane

Concen: 0.056 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. 0.020 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

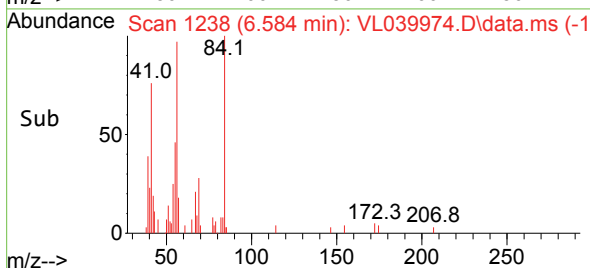
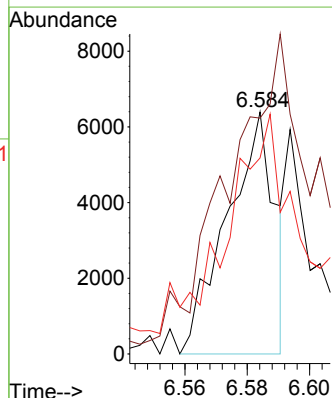
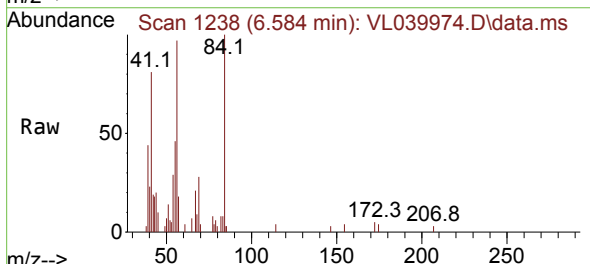
Tgt Ion: 84 Resp: 6776

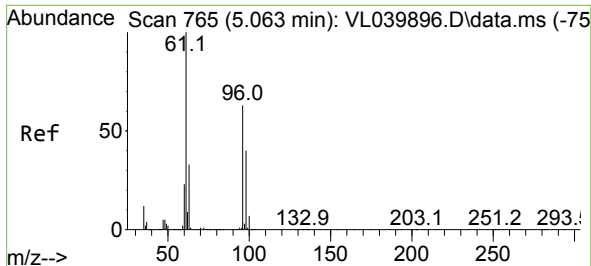
Ion Ratio Lower Upper

84 100

56 0.0 112.5 168.7#

41 182.3 67.8 101.8#

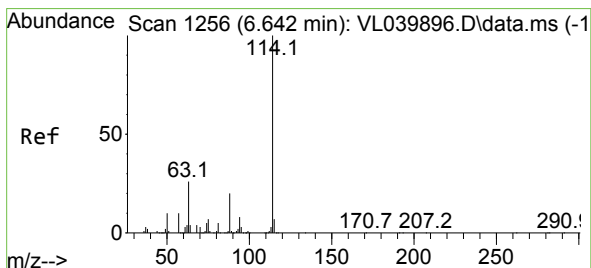
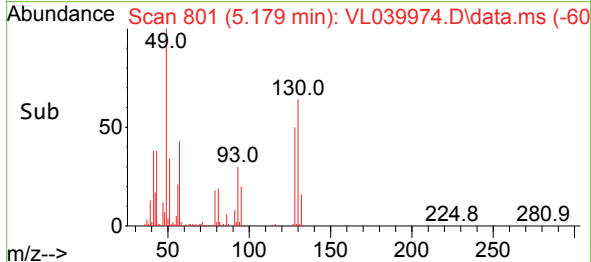
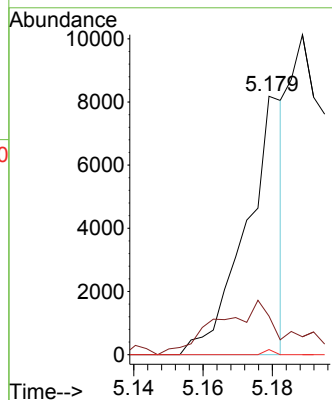
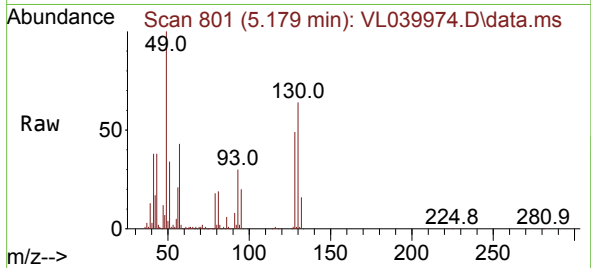




#31
 cis-1,2-Dichloroethene
 Concen: 0.055 ppbv
 RT: 5.179 min Scan# 801
 Delta R.T. 0.138 min
 Lab File: VL039974.D
 Acq: 12 Dec 2022 13:49

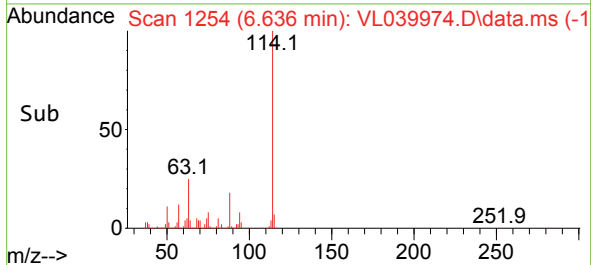
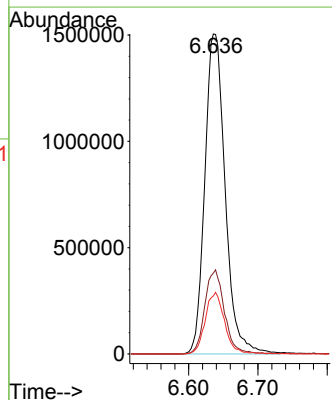
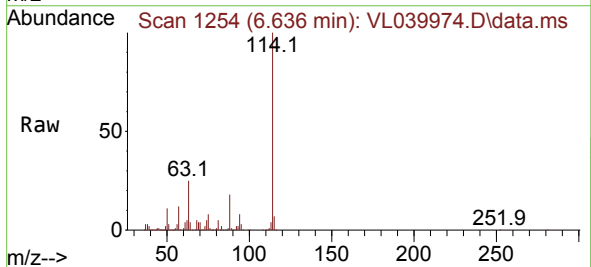
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

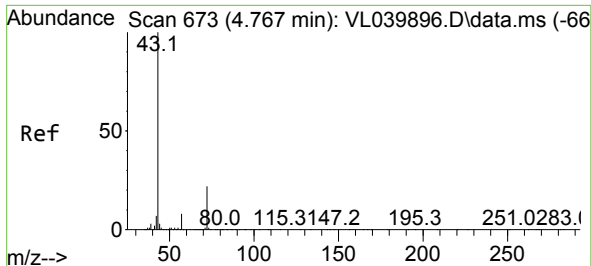
Tgt Ion: 61 Resp: 6191
 Ion Ratio Lower Upper
 61 100
 96 12.1 50.3 75.5#
 98 2.0 32.2 48.2#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.636 min Scan# 1254
 Delta R.T. 0.016 min
 Lab File: VL039974.D
 Acq: 12 Dec 2022 13:49

Tgt Ion: 114 Resp: 3068510
 Ion Ratio Lower Upper
 114 100
 63 25.5 21.4 32.0
 88 18.5 15.3 22.9

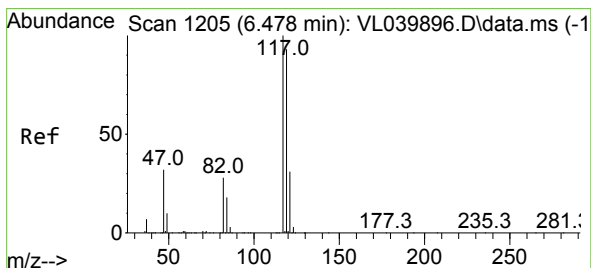
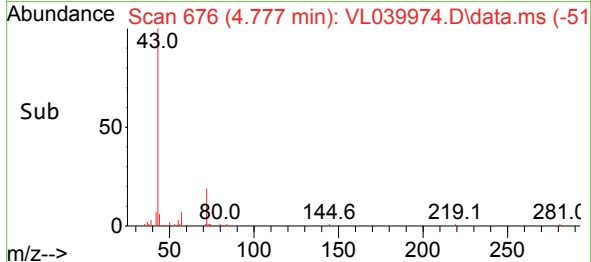
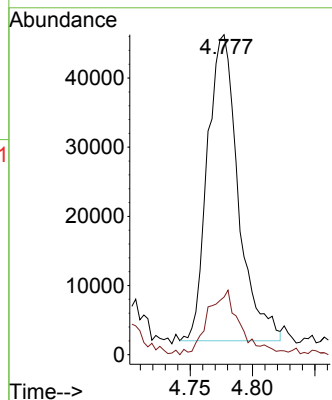
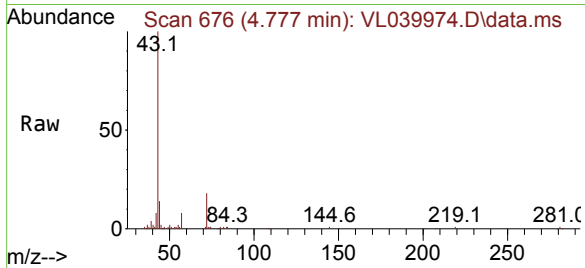




#34
2-Butanone
Concen: 0.518 ppbv
RT: 4.777 min Scan# 61
Delta R.T. 0.026 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

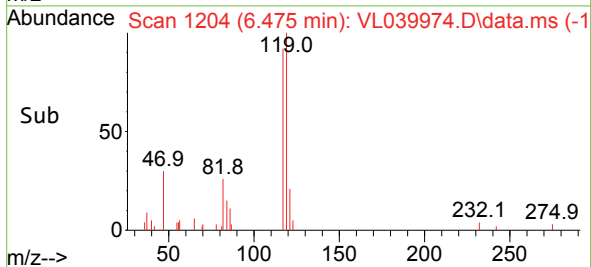
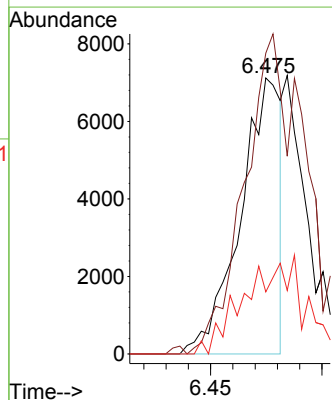
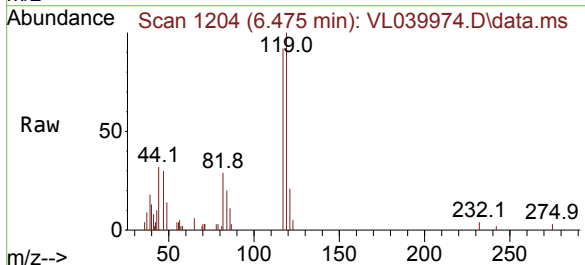
Instrument :
MSVOA_L
ClientSampleId :
IA-2

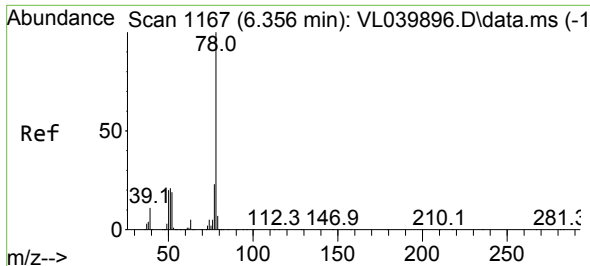
Tgt Ion: 43 Resp: 76123
Ion Ratio Lower Upper
43 100
72 23.4 17.4 26.2



#35
Carbon Tetrachloride
Concen: 0.051 ppbv
RT: 6.475 min Scan# 1204
Delta R.T. 0.020 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

Tgt Ion: 117 Resp: 8954
Ion Ratio Lower Upper
117 100
119 106.1 74.7 112.1
121 22.5 24.5 36.7#

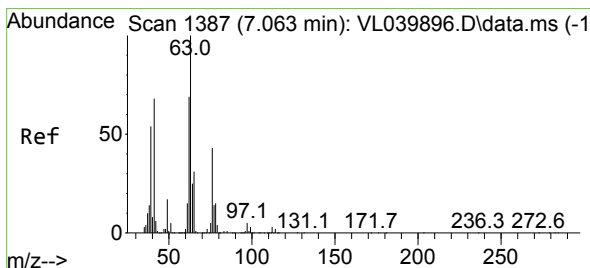
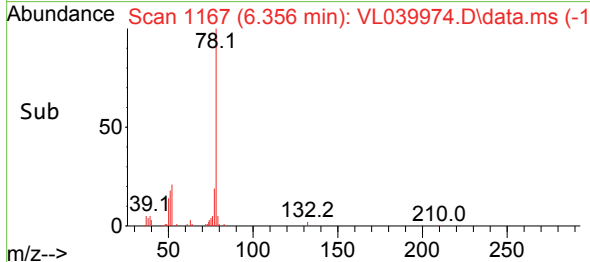
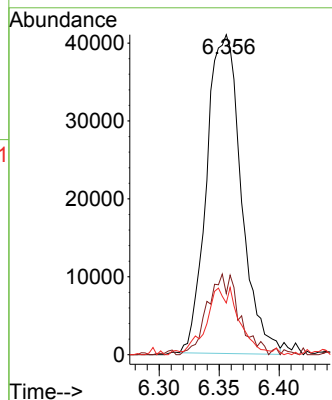
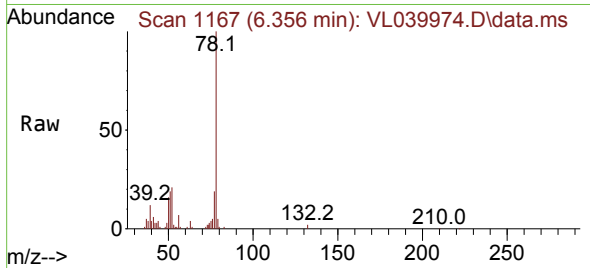




#36
Benzene
Concen: 0.314 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.023 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

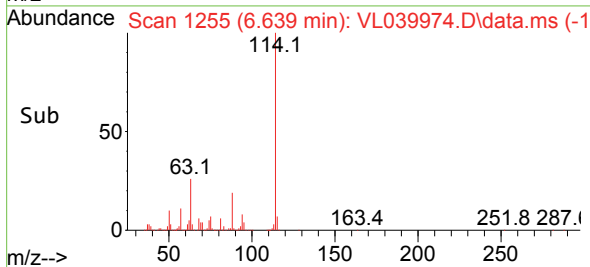
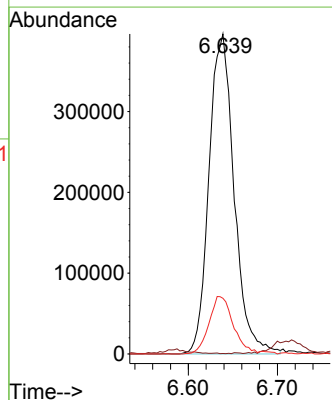
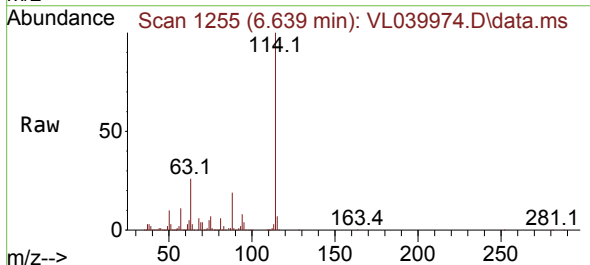
Instrument :
MSVOA_L
ClientSampleId :
IA-2

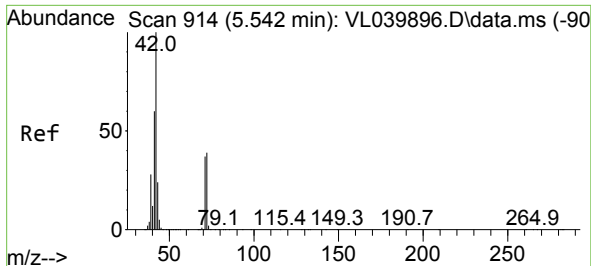
Tgt Ion: 78 Resp: 81966
Ion Ratio Lower Upper
78 100
77 19.2 18.2 27.2
50 15.5 15.8 23.8#



#39
1,2-Dichloropropane
Concen: 7.626 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.395 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

Tgt Ion: 63 Resp: 774892
Ion Ratio Lower Upper
63 100
41 0.0 54.7 82.1#
62 17.4 55.0 82.6#





#41

Tetrahydrofuran

Concen: 4.803 ppbv

RT: 5.195 min Scan# 80

Delta R.T. -0.325 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

Instrument :

MSVOA_L

ClientSampleId :

IA-2

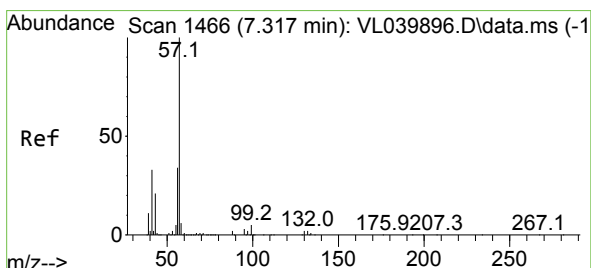
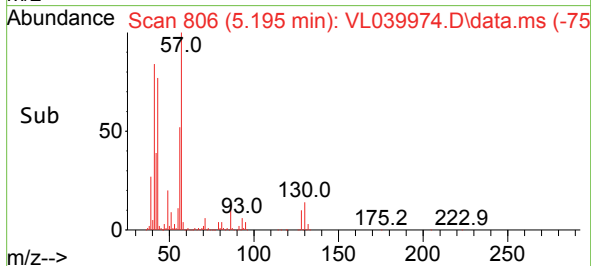
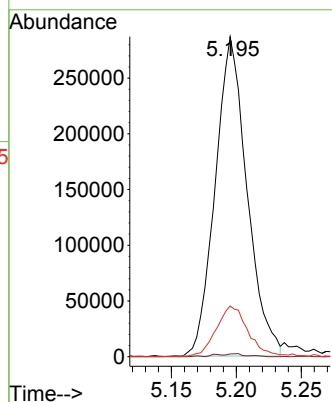
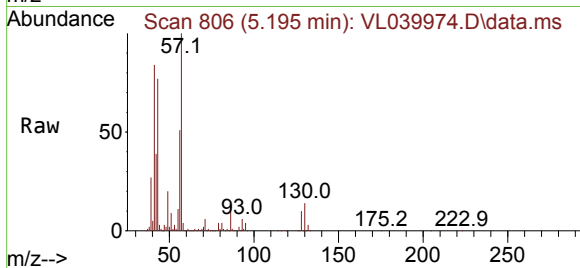
Tgt Ion: 42 Resp: 486805

Ion Ratio Lower Upper

42 100

72 0.9 31.6 47.4#

71 16.5 31.2 46.8#



#44

2,2,4-Trimethylpentane

Concen: 0.584 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. 0.023 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

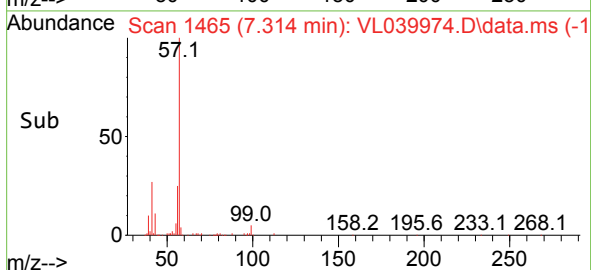
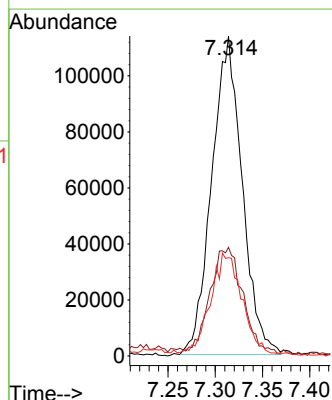
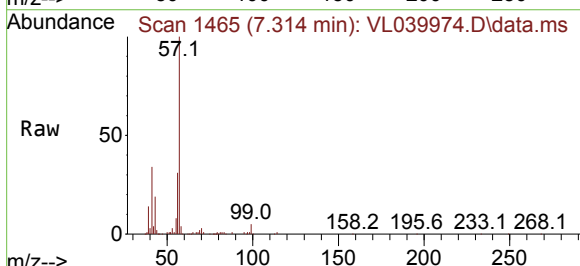
Tgt Ion: 57 Resp: 254090

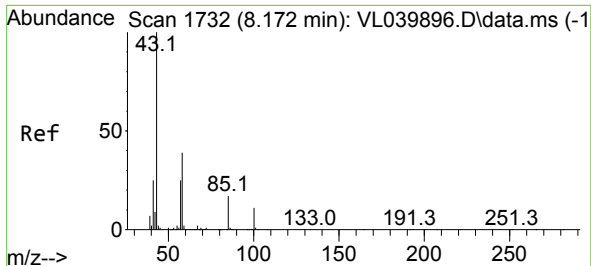
Ion Ratio Lower Upper

57 100

41 39.6 26.2 39.2#

56 35.2 25.5 38.3

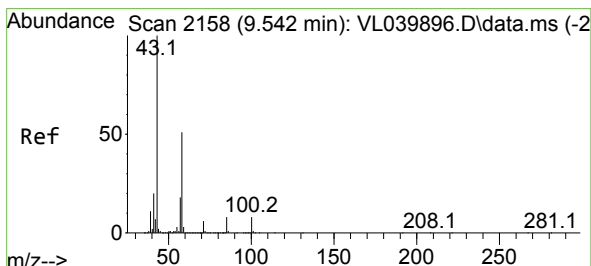
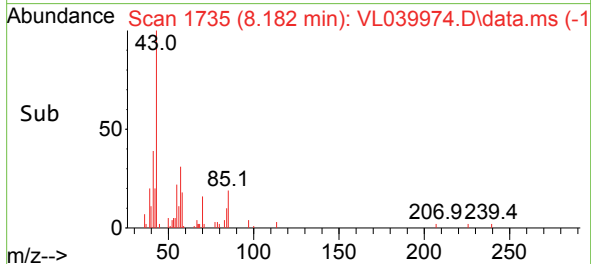
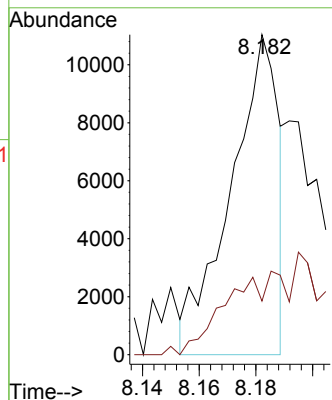
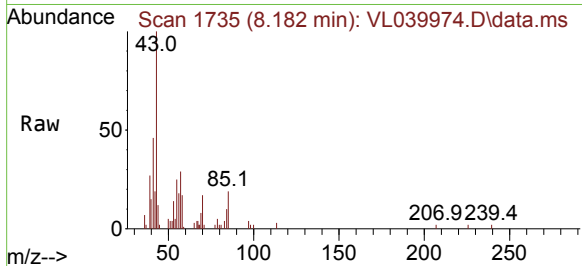




#50
4-Methyl-2-Pentanone
Concen: 0.049 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.036 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

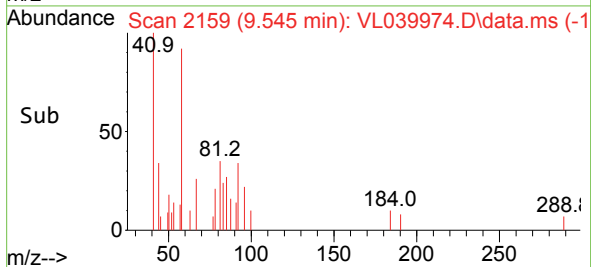
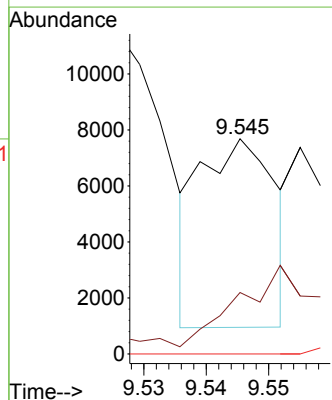
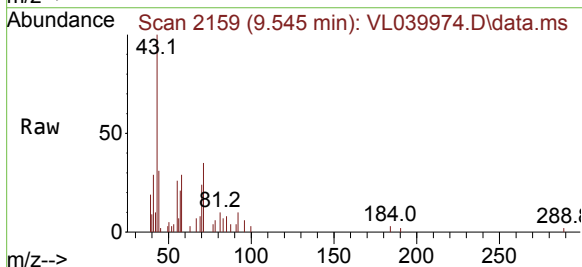
Instrument :
MSVOA_L
ClientSampleId :
IA-2

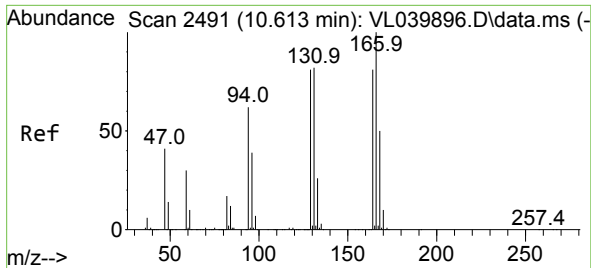
Tgt Ion: 43 Resp: 12877
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.6#



#51
2-Hexanone
Concen: 0.027 ppbv
RT: 9.545 min Scan# 2159
Delta R.T. 0.029 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

Tgt Ion: 43 Resp: 5589
Ion Ratio Lower Upper
43 100
58 0.0 40.2 60.4#
98 0.0 0.1 0.1#

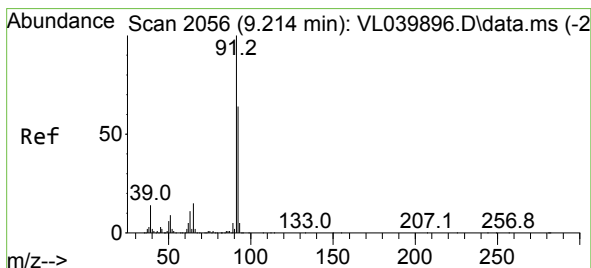
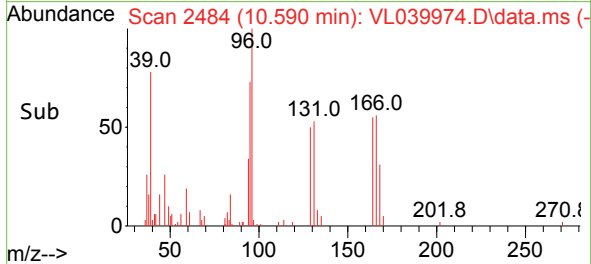
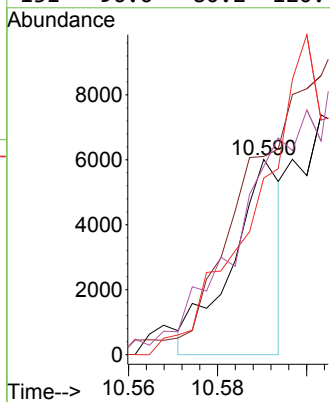
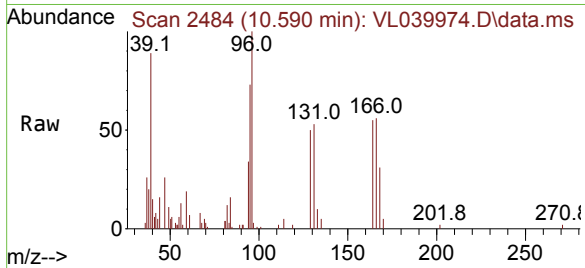




#52
Tetrachloroethene
Concen: 0.047 ppbv
RT: 10.590 min Scan# 2491
Delta R.T. 0.010 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

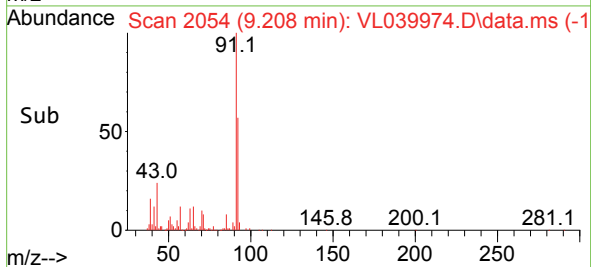
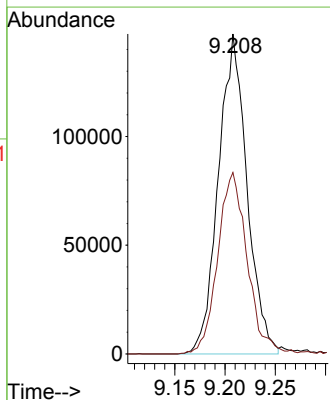
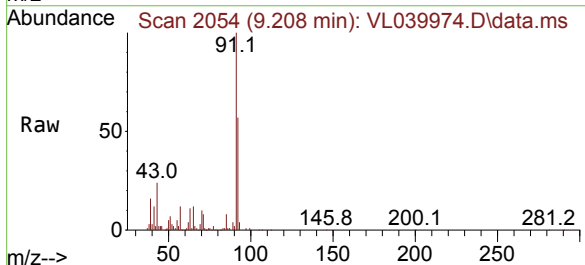
Instrument :
MSVOA_L
ClientSampleId :
IA-2

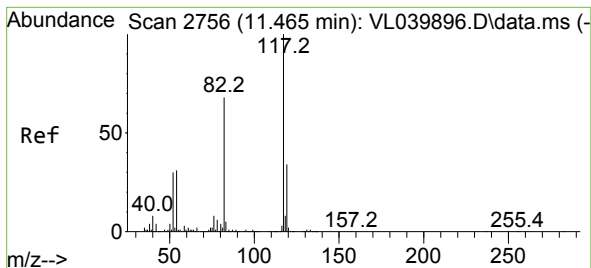
Tgt Ion:	164	Resp:	4586
Ion Ratio	Lower	Upper	
164	100		
166	106.0	98.3	147.5
129	91.7	79.7	119.5
131	96.6	80.2	120.4



#53
Toluene
Concen: 0.979 ppbv
RT: 9.208 min Scan# 2054
Delta R.T. 0.023 min
Lab File: VL039974.D
Acq: 12 Dec 2022 13:49

Tgt Ion:	91	Resp:	290893
Ion Ratio	Lower	Upper	
91	100		
92	59.3	49.8	74.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 21

Delta R.T. 0.023 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

Instrument :

MSVOA_L

ClientSampleId :

IA-2

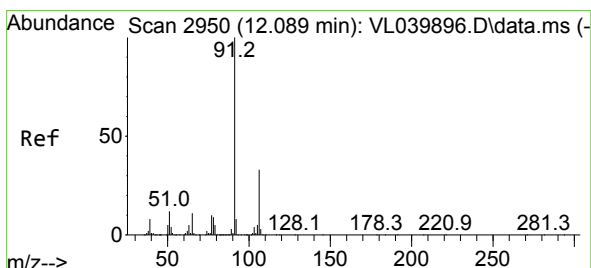
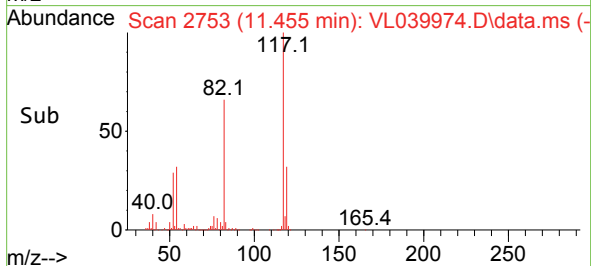
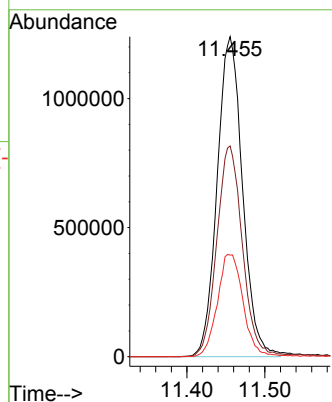
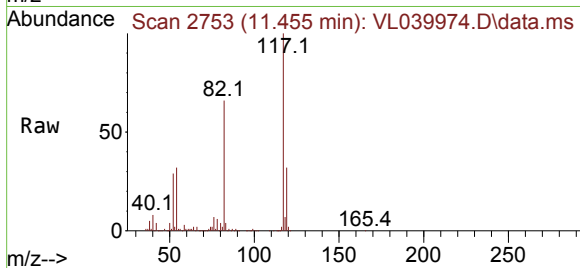
Tgt Ion:117 Resp: 2803648

Ion Ratio Lower Upper

117 100

82 67.6 52.3 78.5

119 32.8 25.7 38.5



#58

Ethyl Benzene

Concen: 0.026 ppbv

RT: 12.082 min Scan# 2948

Delta R.T. 0.026 min

Lab File: VL039974.D

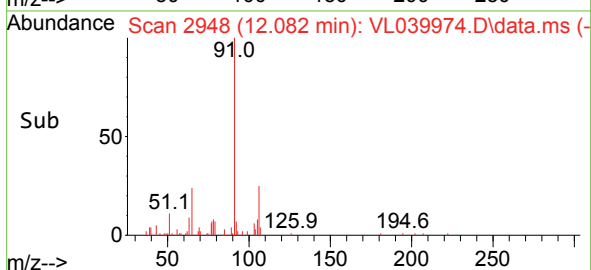
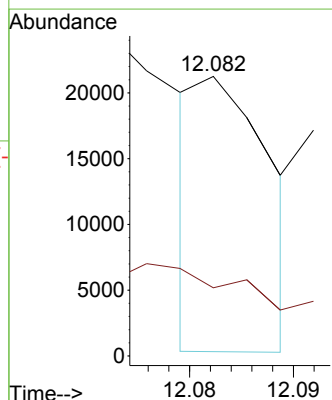
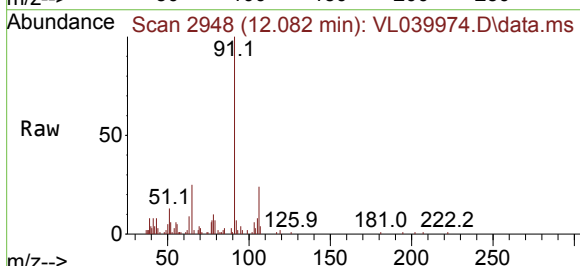
Acq: 12 Dec 2022 13:49

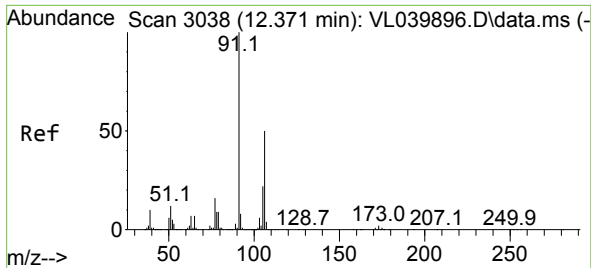
Tgt Ion: 91 Resp: 10067

Ion Ratio Lower Upper

91 100

106 22.4 26.1 39.1#





#59

m/p-Xylene

Concen: 0.144 ppbv

RT: 12.356 min Scan# 3033

Delta R.T. 0.016 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

Instrument :

MSVOA_L

ClientSampleId :

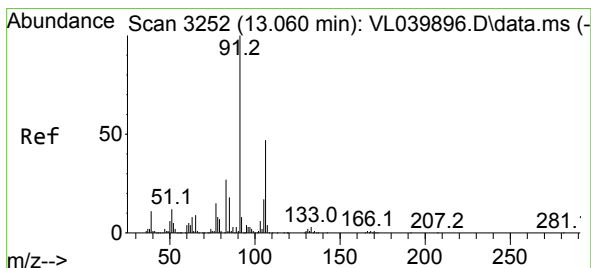
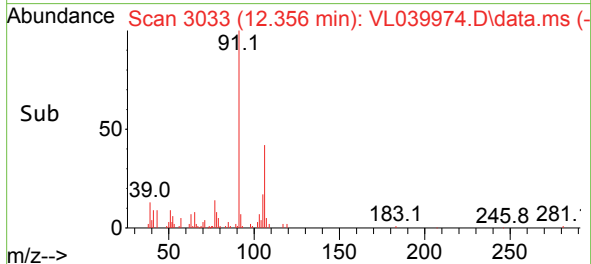
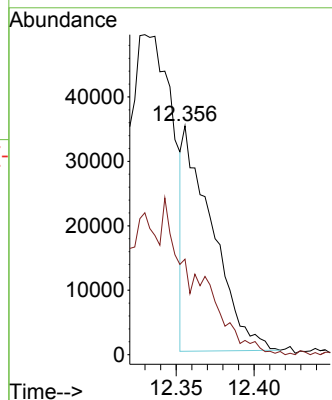
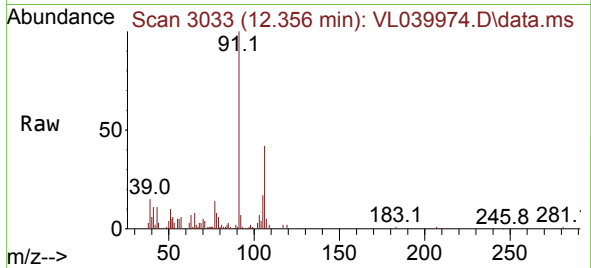
IA-2

Tgt Ion: 91 Resp: 45917

Ion Ratio Lower Upper

91 100

106 0.0 37.0 55.6#



#60

o-Xylene

Concen: 0.084 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.026 min

Lab File: VL039974.D

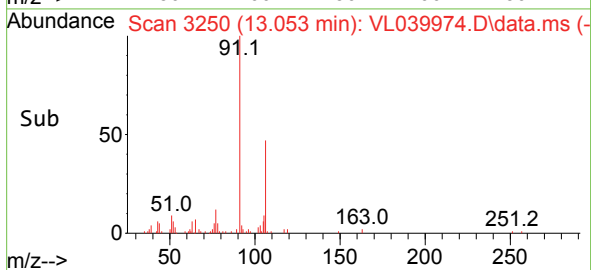
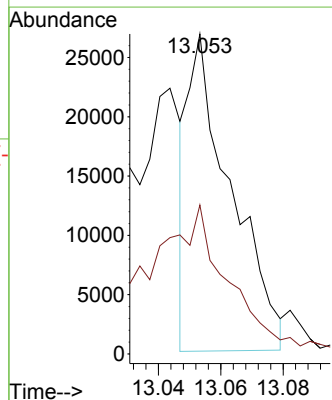
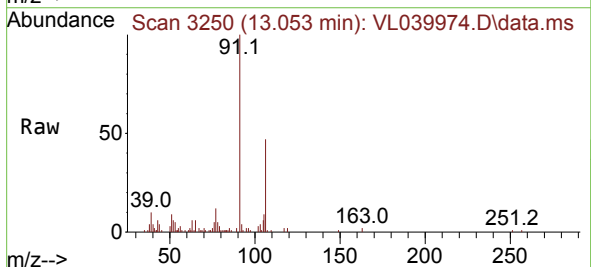
Acq: 12 Dec 2022 13:49

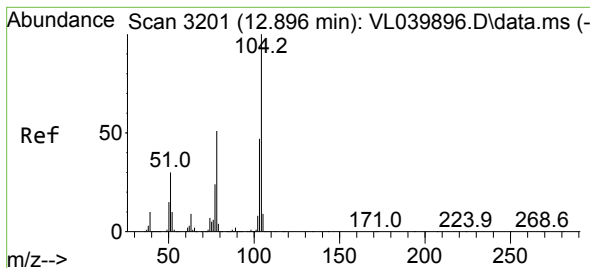
Tgt Ion: 91 Resp: 25569

Ion Ratio Lower Upper

91 100

106 96.6 23.2 69.6#





#61

Styrene

Concen: 0.023 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. 0.026 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

Instrument :

MSVOA_L

ClientSampleId :

IA-2

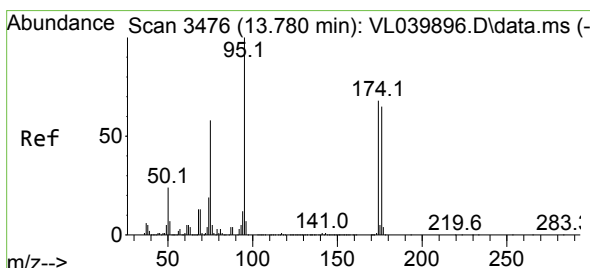
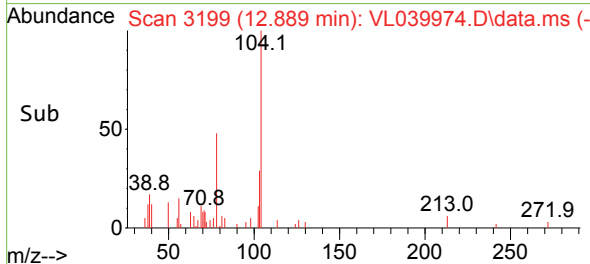
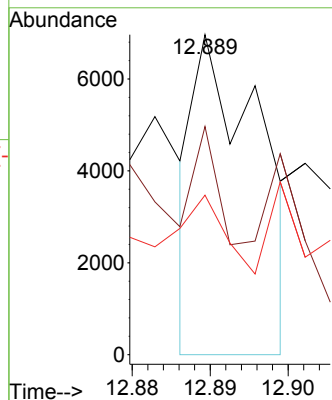
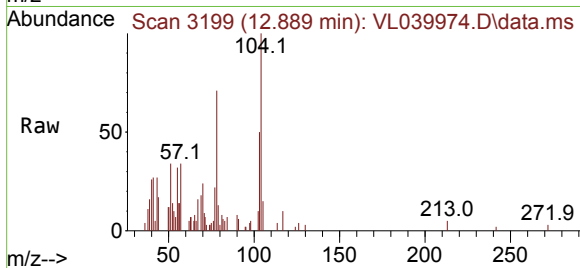
Tgt Ion:104 Resp: 4082

Ion Ratio Lower Upper

104 100

78 231.8 41.8 62.8#

103 0.0 37.2 55.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.989 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. 0.026 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

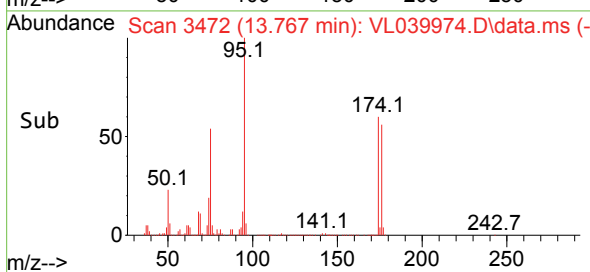
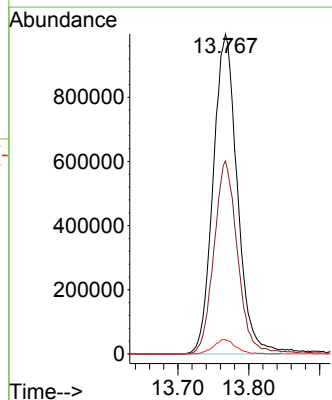
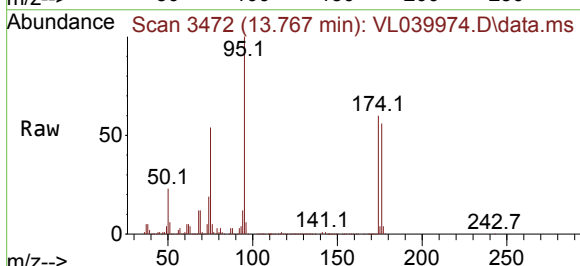
Tgt Ion: 95 Resp: 2353248

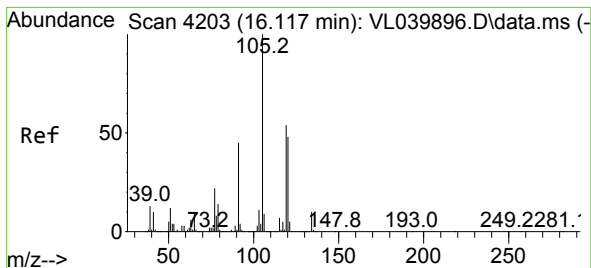
Ion Ratio Lower Upper

95 100

174 60.0 53.7 80.5

175 4.3 4.0 6.0





#74

1,2,4-Trimethylbenzene

Concen: 0.031 ppbv

RT: 16.111 min Scan# 41

Delta R.T. 0.036 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

Instrument :

MSVOA_L

ClientSampleId :

IA-2

Tgt Ion:105 Resp: 10191

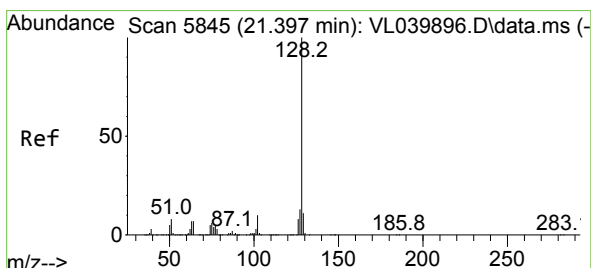
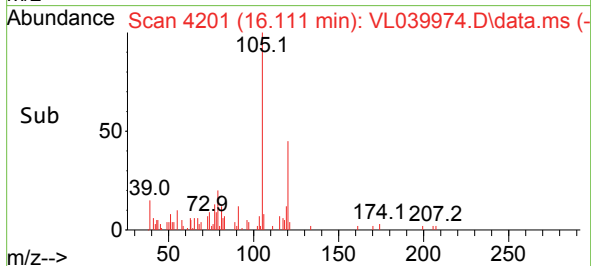
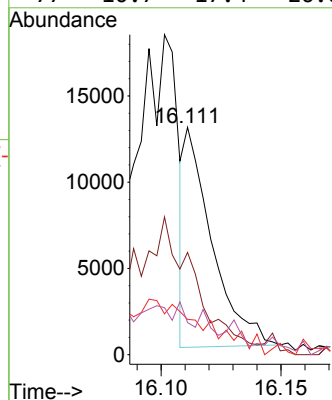
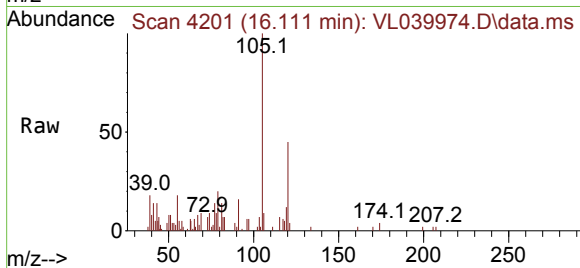
Ion Ratio Lower Upper

105 100

120 45.2 38.7 58.1

91 11.0 36.4 54.6#

77 10.7 17.4 26.0#



#79

Naphthalene

Concen: 0.123 ppbv

RT: 21.394 min Scan# 5844

Delta R.T. 0.045 min

Lab File: VL039974.D

Acq: 12 Dec 2022 13:49

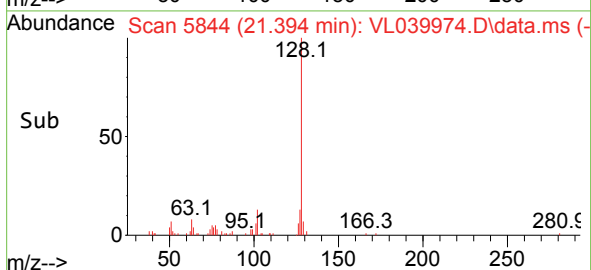
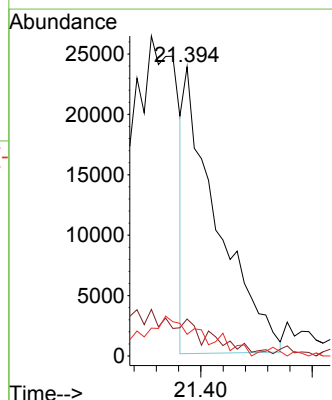
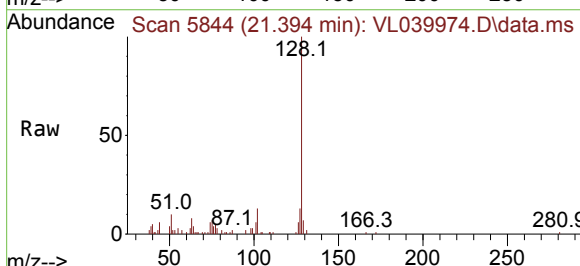
Tgt Ion:128 Resp: 24310

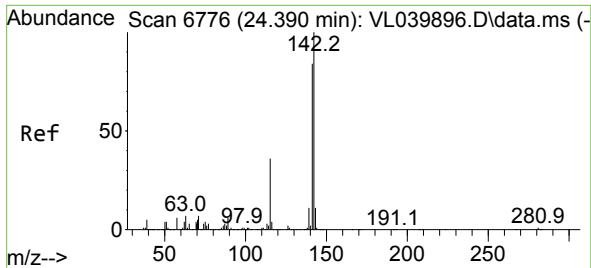
Ion Ratio Lower Upper

128 100

127 11.0 10.0 15.0

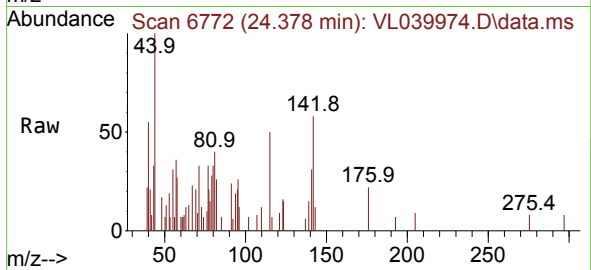
129 6.2 8.8 13.2#





#80
 Naphthalene, 2-methyl-
 Concen: 0.048 ppbv
 RT: 24.378 min Scan# 61
 Delta R.T. 0.029 min
 Lab File: VL039974.D
 Acq: 12 Dec 2022 13:49

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2



Tgt Ion: 142 Resp: 2657

Ion	Ratio	Lower	Upper
142	100		
141	143.4	69.1	103.7#
115	84.7	29.6	44.4#

